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I hereby certify that the foregoing Information Disclosure Statement and the accompanying Form PTO/SB/08a/b (2 sheets), a copy of an International Search Report, a copy of a Written Opinion, copies of three (3) Combined Search and Examination Reports from The Patent Office in Great Britain, and copies of fourteen (14) references are being deposited with the United States Postal Service as Express Mail under Label No. EV 921045510 US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date: 4/10/06 By: Kimberly Brittingham

Attorney Docket No.: 102792-566 (11409P4 US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT	:	Karlheinz Ulrich Gerhard HAHN et al.
SERIAL NO.	:	To Be Assigned
CUSTOMER NO.	:	27389
FILED	:	Herewith
FOR	:	WATER-SOLUBLE GLASS COMPOSITION
ART UNIT	:	To Be Assigned
EXAMINER	:	To Be Assigned

April 10, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, Applicant(s) respectfully request that the Examiner consider the references listed on the attached Form PTO/SB/08a/b.

I. Timeliness, Fees and Certifications in lieu of Fees

This Information Disclosure Statement is being filed within three months of the filing date of the application, or within three months of entry into the national stage, or before the mailing of a first Office Action on the merits. Pursuant to 37 CFR § 1.97(b), consideration of this Information Disclosure Statement does not require a fee or a statement under 37 CFR § 1.97(e). However, should the Commissioner determine that a fee is, in fact, due, the

Commissioner is hereby authorized to charge the fee to Deposit Account No. 14-1263.

II. Copies of Listed References

Copies of all references listed on the attached Form PTO/SB/08a/b are being supplied.

Copies of U.S. patents are not included pursuant to Pre-OG Notice dated July 11, 2003.

III. Concise Statement of Relevance

This application is a PCT national stage application, and all references listed on the attached Form PTO/SB/08a/b were cited in the specification; or in the International Search Report dated February 9, 2005, and a copy of that search report, which indicates the degree of relevance found by the International Search Authority, is attached; or in any of three (3) Combined Search and Examination Reports from The Patent Office in Great Britain dated September 30, 2004, August 9, 2004, and March 19, 2004, and English-language versions of those search reports, which indicate the degree of relevance found by that Patent Office, are attached.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

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APPROPRIATE TO 10 APR 2006

Substitute for form PTO-1449		Application Number	To Be Assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date:	April 10, 2006
		First Named Inventor	Karlheinz Ulrich Gerhard HAHN
		Art Unit	To Be Assigned
		Examiner Name:	To Be Assigned
Sheet 1	of 2	Attorney Docket Number:	102792-566 (11409P4 US)

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US - 3,677,820	07-18-1972	Rutkowski	
		US - 3,255,117	06-07-1966	Knapp et al.	
		US - 2004/138043 A1	07-15-2004	Kasuga et al.	Tables 1,3,5
		US - 6,582,507 B1	06-24-2003	Cao et al.	Example 2
		US - 2003/0052299 A1	03-20-2003	Umeda et al.	Examples 3-1 to 3-12 in Table 4 on page 10
		US - 4,443,270 A	04-17-1984	Biard et al.	Column 2, lines 16-29
		US -			
		US -			
		US -			
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		US -			
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FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵				
		EP 0 383 480 A1	08-22-1990	Caravajal et al.		
		EP 0 383 482 A1	08-22-1990	Cilley		
		EP 0 387 997 A1	09-19-1990	Cilley et al.		
		WO 01/64823 A	09-07-2001	Hahn		
		GB 2 372 500 A	08-28-2002	Hahn	Claim 15	
		WO 00/39259 A	07-06-2000	Hahn		*1
		WO 96/36687 A	11-21-1996	Angevaare et al.		
		WO 2004/106476 A	12-09-2004	Hahn	Claims 1-17	
		EP 1 493 720 A	01-05-2005	Kasuga et al.	Table 2	
		BE 860 180 A2	04-27-1978		Cited in the application; page 12, paragraph 2	*2
		GB 1 586 067 A	03-18-1981	Bognolo et al.	Claims 1-18	
		GB 2 309 032 A	07-16-1997	Smith et al.	Claim 12	

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Examiner's Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ^o
		Copy of International Search Report dated February 9, 2005 for application PCT/GB2004/004414	
		Copy of Written Opinion of the International Searching Authority for application PCT/GB2004/004414	
		Copy of Combined Search and Examination Report from The Patent Office in Great Britain dated March 19, 2004 for application GB 0324295.5	
		Copy of Combined Search and Examination Report from The Patent Office in Great Britain dated August 9, 2004 for application GB 0404469.9	
		Copy of Combined Search and Examination Report from The Patent Office in Great Britain dated September 30, 2004 for application GB 0404470.7	

DATE CONSIDERED:

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.197 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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*1 English language abstract only

*2 See English language equivalent GB 1 586 067